PUBLIC HEALTH ACT. 1875.

ANNUAL REPORT

ON

THE HEALTH

OF THE

Whitworth Urban District

DURING 1913.

By ALEXANDER WELSH, M.D., Whitworth.

MEDICAL OFFICER OF HEALTH.

Whitworth:

H. O. Howard, Printer and Stationer, Market Street.

THE HEALTH COMMITTEE

Consists of the following Members:

CHAIRMAN—WILLIAM SWIRE.

MESSRS. WILLIAM CARRADICE.

WALTER A. CLEGG.

JAMES CUDWORTH.

JAMES W. HILL.

JONATHAN R. LAW.

ALGERNON A. MERCER.

JAMES ROBERTS.

WHITWORTH URBAN DISTRICT.

Medical Officer's Annual Report
for the year 1913.

To the Chairman and Councillors of the Whitworth Urban District.

GENTLEMEN:

I have the honour to submit to your consideration the Annual Health Report of the Whitworth Urban District, for the year 1913.

With the exception of a continued decreasing birth rate the report for the year presents many features of improvement on the preceding year.

The lower death rate is satisfactory

The infantile mortality is considerably less, and the preventable or Zymotic class of diseases is quite exceptional, inasmuch as no death has been registered during the year from these diseases.

AREA AND ESTIMATED POPULATION.

The area of the district in acres has been previously estimated at 6,300 acres.

The County Official Census return of the Ordinance Survey gives the area in acres as 4,865.

CENSUS, 1911.

The population in 1901 was estimated at 9,578, and in 1911 at 8,872, proportioned in the Wards as under :—

Ward	Males	Females	Total	1901
Facit	1149	1285	2434	2705
Healey	837	931	1768	1690
Shawforth	638	730	1368	1751
Whitworth	1651	1751	3302	3432
	4175	4697	8872	9578

Census returns as to the housing of the district :—

Inhabited	Uninhabited	Building	Total	1901
2275	282	3	2560	2597

16 new houses have been built during the year.

The population for the year is estimated at 9,000

BIRTHS.

The Births registered during the year 1913 was 165 ; Males 90, Females 75 ; a decrease of 14 on the previous year ; giving a birth rate of 18 3 per 1000.

The natural increase of births over deaths is 21.

The rate for preceding ten years being as under :—

1903.....22·5	1908.....17·9
1904.....20·8	1909.....18·9
1905.....20 7	1910.....19·4
1906.....18·2	1911.....19·3
1907.....17·8	1912.....20·1

1913.....18·3

The following table gives the births in the respective Wards for the undermentioned years :—

Year	Healey	Whitworth	Facit	Shawforth		Total
1903	42	70	56	50	—	218
1904	30	84	45	41	—	200
1905	34	72	55	40	—	201
1906	30	61	46	39	—	176
1907	24	67	47	40	—	178
1908	28	75	49	27	—	179
1909	35	67	45	42	—	189
1910	35	65	65	29	—	194
1911	41	59	48	23	—	171
1912	40	55	47	37	—	179
1913	32	60	44	29	—	165

DEATHS.

The deaths registered in the district during 1913 number 130 ; a decrease of 25 on the previous year, giving a death rate for the district of 14·4 per 1000.

Transferable deaths, that is deaths of residents registered outside the district, number 18, making a total of 148, and giving a total death rate for the year of 16·4 per 1000.

The sex distribution of the 130 deaths is Males 70, Females 60.

With the transferable deaths, Males 79, Females 69.

The following statement shows the areas of "Provisional Assignment" of the transferable deaths :—

Dearnley Union	12
Norden	1
Manchester	1
St. Mary's Hospital	1
Rochdale Infirmary	2
Oldham	1
	18

The rate for preceding ten years being as under :—

1903	13·3	1908	15·7
1904	19·3	1909	17·5
1905	14·4	1910	11·9
1906	15·3	1911	16·9
1907	16·8	1912	19·4

1913.....16·4

The following table gives the deaths in the respective Wards for the undermentioned years :—

Year	Healey	Whitworth	Facit	Shawforth	Total
1903	20	53	36	30	139
1904	26	70	47	43	186
1905	19	52	41	27	139
1906	19	60	34	35	148
1907	23	68	41	36	168
1908	19	70	35	33	157
1909	27	75	33	40	175
1910	16	42	35	26	119
1911	14	63	35	38	150
1912	28	68	41	32	169
1913	22	49	40	37	148

MORTALITY FROM ALL CAUSES AT THE SUBJOINED AGES.

Deaths under 1 month	8	19
,, ,, 1 ,, and under 1 year	11	
,, at 1 and under 2 years	3	129
,, 2 ,, 5 ,,	2	
,, 5 ,, 15 ,,	3	
,, 15 ,, 25 ,,	12	
,, 25 ,, 45 ,,	23	
,, 45 ,, 65 ,,	43	
,, 65 and upwards	43	
	148	148

INFANTILE MORTALITY.

The number of deaths registered under 1 year is 19; a decrease of 8 on the year 1912.

Deaths registered under 1 month, 8, over one month, 11.

CAUSE OF DEATH:

Convulsions 3, Premature Birth 4, Bronchitis 2, Broncho-Pneumonia 3, Tubercular Meningitis 1, Marasmus 2, Congenital Heart Disease, 1, Debility 1, Gastritis 1, Syphilis 1.

The rate of mortality is 115·1 per 1000 births.

I beg to call your attention to the report by the Medical Officer of the Local Government Board (Dr. Newsholme) on infant mortality, made in 1910.

Dr. Newsholme states "that the high rates of infant mortality must depend very largely upon local conditions, and that these conditions vary in different localities.

A great deal of harm has been done in the past by the insistence of Medical Officers of Health and others upon one or two causes alone being responsible for excessive infant mortality. Make breast feeding universal says one; abolish privies says another; appoint health visitors recommends a third. In the solution of this—as in so many public health problems—a large number of factors have to be taken into consideration, and the appropriate remedies applied."

The following table gives the number of deaths under one year for the preceding ten years:—

1903.....31	1908.....33
1904.....32	1909. 25
1905.....17	1910.....16
1906.....23	1911.....26
1907... 17	1912.....27

1913.....19

The following table gives the mortalities for the undermentioned years :—

1903.....100·9	1908.....184·3
1904.....160·0	1909.... ....132·2
1905..... 84·5	1910..... ... 82·4
1906.....130·6	1911.....152·0
1907..... 95·4	1912.....150·8

1913.....115·1

ZYMOTIC MORTALITY.

No death has been registered this year from infectious diseases.

The following table gives the zymotic death rates for the undermentioned years :—

1903.....0·41	1908.....0·80
1904.....2·6	1909.....1·9
1905.... ....0·72	1910.....0·4
1906.....0·51	1911.....1·3
1907.....0·90	1912.....1·01

1913.....Nil

MEASLES

Is not notifiable, and no death has been registered.

SCARLATINA.

5 cases of Scarlatina have been notified during the year; no death registered.

2 cases were notified in February in Whitworth Ward; 1 in Shawforth Ward in May; 1 in Healey Ward in September; and 1 in Whitworth Ward in November.

3 cases occurred in through houses, and 2 in back-to-back houses.

DIPHTHERIA.

15 cases of Diphtheria have been notified ; an increase of 5 on the preceding year ; no death registered.

The following table shows the incidence of occurrence in the several Wards :—

Month	Healey	Whitworth	Facit	Shawforth
January	0	0	0	1
March	0	3	2	0
April	1	0	1	1
July	0	0	1	0
November	0	1	0	0
December	0	3	1	0
	1	7	5	2

6 cases occurred in through houses, 6 in back-to-back houses, and 3 cases in houses with no back door.

Anti-Diphtheritic Serum is supplied by the Council.

WHOOPING COUGH

Is not notifiable, and no death registered, although more or less prevalent during the latter end of the year.

PUERPERAL FEVER.

Nil.

ERYSIPELAS.

There is a decrease of nearly 50 per cent. in the number of notifications received this year.

2 cases have been notified in each Ward and no death has been registered.

ENTERIC FEVER.

1 case has been notified in Shawforth Ward. On enquiry no definite cause could be assigned as to the origin of the disease.

PHTHISIS.

Public Health (Tuberculosis) Regulations, 1912.

The above order supercedes the previous Orders of 1908 and 1911, and includes non-pulmonary as well as pulmonary tuberculosis.

Under this Order the Medical Officer of Health, or an officer acting under his instructions, is required to make enquiries, and take such steps as may be necessary or desirable for investigating the

(*a*) source of infection ;

(*b*) preventing the spread of—and

(*c*) for removing the conditions favourable to infection.

The scheme for the treatment of Tuberculosis comprises the Institutional or Sanitorium, the Dispensary, and the Domiciliary or home treatment.

The Sanitorium is intended for the treatment of early cases.

The Dispensary will be under the supervisiou of the Tuberculosis Officer, who will act as adviser to the Insurance Committee, and also act in consultation with the district Medical Officer of Health.

Domiciliary Treatment.

As there is unfortunately a degree of doubt as to the obligations undertaken by those "Persons and Local Authorities" who have agreed to provide domiciliary treatment, it will be well to quote the regulations of the Local Government Board's "General Order," 1912.

Briefly, the Medical Practitioner is to give treatment, to give instructions as to precautions necessary to protect the patient against re-infection, to keep records, to submit those records to the consulting officer, and to confer with that officer, to interest himself in the patient's surroundings, and where these present circumstances "which may affect adversely the sanitary conditions under which the patient is living," he is required to inform the Medical Officer of Health.

The Medical Practitioner referred to is, of course, each Medical man acting on the Panel.

With regard to the provision by Insurance Committees of "special food, or extra nourishment," the recommendation for such provision will, generally, come from the general practitioner and should also receive the careful attention of the tuberculosis officer. No general provision of food in the ordinary sense of the word is permissible

It has been suggested that part of the money available for the purpose of sending patients to a Sanatorium, and part available for their after-care, should be used for defraying the difference between the rent of the dwelling occupied by the patient, and that of a larger and more wholesome dwelling. This suggestion, I think, is an admirable one, and especially so in the case of Urban Districts where the fresh air is at hand, and the additional rent less than the expense incurred in sending the patient away.

21 cases of Pulmonary Tuberculosis have been notified ; a decrease of 18 on the year 1912.

11 deaths have been registered, giving a death rate of 1·2 per 1000.

18 cases of Non-Pulmonary Tuberculosis have been notified, and 2 deaths registered.

Of the 39 cases notified,

16 occurred in through houses,
16 ,, back-to-back houses,
7 ,, houses with no back door.

The following table gives the number of deaths in the Wards for the undermentioned years :—

Year	Healey	Whitworth	Facit	Shawforth	Total
1903	1	5	3	3	— 12
1904	2	9	6	1	— 18
1905	2	2	5	0	— 9
1906	1	3	4	1	— 9
1907	2	6	4	0	— 12
1908	0	8	3	1	— 12
1909	2	9	5	1	— 17
1910	1	4	2	2	— 9
1911	2	6	2	1	— 11
1912	0	4	4	3	— 11
1913	2	3	3	3	— 11

PHTHISIS.

Mortalities from chief industries.

Year	Weavers 1	Cotton Operatives 2	Quarrymen 3	Others 4	Total
1903	1	3	3	5	12
1904	1	1	4	12	18
1905	1	3	1	4	9
1906	0	0	4	5	9
1907	1	5	2	4	12
1908	3	2	2	5	12
1909	2	5	3	7	17
1910	2	1	3	3	9
1911	1	6	0	4	11
1912	3	1	2	5	11
1913	1	4	2	4	11

BRONCHITIS, PNEUMONIA, &c.

Deaths from diseases of the organs of respiration number the same as last year, viz., 28.

The following table gives the deaths in the Wards for the undermentioned years :—

Year	Healey	Whitworth	Facit	Shawforth	Total
1903	2	14	5	3	24
1904	5	19	9	12	45
1905	2	11	7	6	26
1906	4	21	10	6	41
1907	4	16	10	5	35
1908	0	9	5	9	23
1909	4	14	2	9	29
1910	2	4	3	3	12
1911	2	4	2	5	13
1912	4	9	10	5	28
1913	6	6	8	8	28

The following table gives the deaths for previous ten years :—

1903.....24	1908.....23
1904.....45	1909.....29
1905.....26	1910.....12
1906.....41	1911.....13
1907.....35	1912.....28

1913.....28

HEART DISEASE.

There is a marked decrease in the number of deaths from Heart Disease, viz., 9 ; for the year 1912 it was double this number.

The following tables show the number of deaths in the respective years and Wards :—

Year	Healey	Whitworth	Facit	Shawforth	Total
1903	5	0	1	0	6
1904	4	2	1	2	9
1905	1	7	3	3	14
1906	0	4	5	1	10
1907	3	7	7	4	21
1908	3	8	1	1	13
1909	7	7	6	1	21
1910	1	6	3	1	11
1911	0	8	5	5	18
1912	5	8	2	3	18
1913	0	3	4	2	9

1903 6	1908 13
1904 9	1909 21
1905 14	1910 11
1906 10	1911 18
1907 21	1912 18

1913 9

CANCER, MALIGNANT DISEASE.

11 deaths have been registered ; a decrease of 2 on the year 1912.

The following table shows the incidence of the disease in the Wards :—

Year	Healey	Whitworth	Facit	Shawforth	Total
1908	1	2	2	3	8
1909	3	2	3	2	10
1910	2	5	1	1	9
1911	1	8	2	3	14
1912	3	3	5	2	13
1913	2	3	3	3	11

NOTIFICATIONS.

The total number of notifications received for the year 1913 is 68 ; a decrease of 13.

39 cases of Tuberculosis are included under the "Tuberculosis Regulations Order, 1912."

I have again personally visited all the cases (with one or two exceptions) of Diphtheria, Scarlatina, Enteric Fever and Phthisis.

	1908	1909	1910	1911	1912	1913
Diphtheria	9	11	12	17	10	15
Erysipelas	17	20	16	11	15	8
Scarlatina	27	13	109	28	14	5
Enteric Fever	4	4	3	5	3	1
Puerperal Fever	0	1	1	0	0	0
Phthisis	0	0	0	4	39	39
	57	49	141	65	81	68

SEWERAGE.

The method of disposal is by precipitation, filtration, and land irrigation.

The Reports of the County Officials on the effluent have been very satisfactory.

EXCREMENT DISPOSAL.

The method of disposal is carried out on the pail system by the Council's men. New property is put under the fresh water carriage system, and where alterations are required in old property this system is also adopted.

Pail Closets	1471
Fresh Water Closets	244
Waste Water Closets	191

WATER SUPPLY.

Chiefly from Rochdale Corporation, and is of excellent quality.

Two Samples of Water, other than the Rochdale Corporation, have been submitted for Analysis, and found satisfactory.

SLAUGHTER HOUSES

Are regularly inspected, and are plentifully supplied with the Corporation Water.

BAKE HOUSES.

We have no underground bake houses, and the provisions of the "Factory and Workshop Act" have been carried out.

COWSHEDS AND DAIRIES.

The Regulations under the Order of the Local Government Board have been complied with.

The number of cowkeepers on the register is 19.

The number of dairymen and purveyors of milk is 42.

The Sanitary Inspector's monthly reports on the condition of the cowsheds, &c., have been very satisfactory.

As it is essential to have as pure a milk as possible, a milk sterilized cotton Filter was purchased and lent to several farmers. They don't seem, however, to take kindly to it, as it takes rather longer to Filter than the ordinary muslin Filter

FACTORY AND WORKSHOP ACT.

The Regulations under Section 132 of this Act have been complied with and the Tables forwarded to the Secretary of State.

The number of Workshops on the Register is 56.

20 inspections of Factories and 61 inspections of Workshops have been made.

Defects found :—

Want of Cleanliness	3
Other Nuisances	12

These were all remedied.

MIDWIVES ACT.

The County Council is the Supervising Authority. It has not been found necessary to forward any report.

NOTIFICATION OF BIRTHS ACT, 1907.

I beg to remind the Council of the receipt of a Circular letter, received from the Local Government Board dated 25th July, 1913, on the "Notification of Births Act, 1907."

In accordance with a resolution passed by your Council, at a meeting, held subsequent to the receipt of the Circular letter, I herewith append report on the above Act, as requested.

The Board desire to emphasise the value of systematic visitation chiefly with the object of reducing infantile mortality. The Act is an adoptive measure, and the Board consider it desirable that the Council should adopt the Act, if they have not already done so.

The Board further suggests that the Council, before taking any formal proceedings, should ascertain from the County Council their approval of any scheme for the administration of the Act by your Council. Local Authorities, although not specifically empowered to appoint officers for the execution of this Act, may appoint officers for the execution of the "Public Health Act, 1875," and the Board consider that the Council may therefore employ and pay women to visit and give advice.

Where there is not sufficient work to employ the whole time of a woman in this capacity, the office may be joined with that of Assistant Inspector of Nuisances, Tuberculosis Visitor or School Nurse ; the two latter offices with the consent of the County Council.

In many districts much useful work is done by voluntary instructions. Such work, however, should be co-ordinated with the work of the Sanitary Authority.

The Board desires to be informed as early as practicable the result of the Council's consideration of the question of adopting the Act, and of their proposals for administering it.

THE OBJECT OF THE ACT

Is to provide a speedy means whereby information of the birth of a child may be given to the Medical Officer of Health, so that if necessary, advice and instruction may be given to the mothers, and those in charge of the infants.

Notification is to be made to the Medical Officer of Health of the district, within 36 hours of the birth of a child—alive or dead.

The persons bound to notify are (*a*) the father of the child if residing in the house at the time of birth, and (*b*) any person in attendance on the mother at the time of, or within six hours of the birth.

POWER OF THE DISTRICT COUNCIL TO APPOINT OFFICERS FOR THE ADMINISTRATION OF THE ACT.

It is competent for an Urban District Council under Sec. 189

of the Public Health Act, 1875, to appoint Officers for the proper carrying out of the Act as stated in the Circular letter of the Local Government Board.

The Officers so appointed, may be voluntary, or salaried, and care must be had with regard to the duties of such Officers lest they should overlap the duties of Officers appointed for specific purposes by the Council.

In the absence of any voluntary assistance, I would submit for your consideration the appointment either of a Female Assistant Sanitary Inspector or a Health Visitor.

DIFFERENCE BETWEEN SANITARY INSPECTOR AND HEALTH VISITOR.

A Sanitary Inspector is entrusted with the duty of seeing that certain Acts of Parliament are complied with, and has the right of entry to premises, &c.

A Health Visitor on the other hand is an Advisory Officer only, and has not the same power of enforcing laws relating to Public Health.

DUTIES OF HEALTH VISITOR.

1st. To visit houses where infants have been recently born, and to give advice on feeding and rearing.

2nd. To enquire into the cause of death of infants under one year of age, as to the method of feeding, &c., &c.

3rd. To instruct mothers in the simpler rules of hygiene.

4th. To point out to mothers the importance of breast feeding.

5th. To promote a knowledge of the value of fresh air, and of cleanliness in the home

The duties of health visitors therefore have to do with the home, the mother, and the child prior to school life.

HOSPITAL.

We have accommodation for 12 patients.

FOOD.

No action required to be taken under this head during the year.

DISEASED MEAT.

The amount of Meat surrendered and destroyed on account of its being diseased was : Beef, 550 lbs.

SCHOOLS.

Recommendations with regard to several Schools have been left over on account of the proposed erection of a Council School at Leavengreave and a C.E. School at Shawforth.

HOUSING.

Under Article V. of the Housing Act the Medical Officer of Health shall include in his Annual Report particulars as to

(1) number of houses inspected ;

(2) number of houses considered to be dangerous or injurious to health ;

(3) number of closing orders considered ;

(4) number of closing orders made ;

(5) defects remedied without making closing orders.

Under the Regulations the Sanitary Inspector has been appointed to undertake the special inspection of the houses, and to keep the records stipulated by Article 2.

The necessary books, forms, &c., for keeping the required records have also been obtained.

274 dwelling-houses have been inspected under Section 17 of the Act of 1909.

2 dwelling-houses have been considered unfit for human habitation.

2 representations have been made to the Authority with a view to making closing orders.

2 closing orders have been issued.

32 dwelling-houses were remedied without making closing orders.

General character of defects found to exist: dampness, defective drainage, ventilation, and old delapidated property.

During the year 16 new houses have been built.

Reference to the reports of Sanitary Inspector indicate much valuable and practical work done during the year.

SPECIAL REPORTS.

It has not been necessary to forward any "Special Reports" to the Local Government Board or County Council during the year.

I desire again to thank the members of the Council and officers for their courtesy and assistance.

I am, Gentlemen,

Your obedient servant,

ALEXANDER WELSH, M.D.,

Medical Officer of Health.

Vital Statistics

For the Year 1913.

TABLE I.

Vital Statistics of Whole District During 1913 and Previous Years.

Year.	Population estimated to Middle of each Year.	Births.			Total deaths registered in the district.		Transferable Deaths.		Nett Deaths Belonging to the District			
		Uncorrected Number	Nett.				Of Non-Residents Registered in the District.	Of Residents Not Registered in the District.	Under 1 Year of age		At all Ages	
			Number	Rate	Number	Rate			Number	Rate per 1000 Nett Births.	Number	Rate
1908	10000		179	17·9	156	15·6		1	33	184·3	157	15·7
1909	10000		189	18·9	173	17·3		2	25	132·2	175	17·5
1910	10000		194	19·4	118	11·8		1	16	82·4	119	11·9
1911	8872		171	19·3	136	15·3		14	26	152·0	150	16·9
1912	8872		179	20·2	155	17·5		14	27	150·8	169	19·0
1913	9000		165	18·3	130	14·4		18	19	115·1	148	16·4

TABLE II.

Cases of Infectious Disease notified during Year 1913.

Notifiable Disease.	Number of cases notified.								Total cases notified in each locality.				Total cases removed to hospital
	At all Ages	At Ages—Years.											
		Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Healey	Whitworth	Facit	Shawforth	
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria, including Membranous Croup	15	...	...	...	...	...	...	...	1	7	5	2	...
Erysipelas	8	...	...	...	...	...	...	...	2	2	2	2	...
Scarlet Fever	5	...	...	...	...	...	...	...	1	3	0	1	...
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	1	...	...	...	...	...	...	...	...	...	...	1	...
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	21	...	...	2	6	9	3	1	4	9	5	3	...
Other forms of Tuberculosis	18	1	1	6	5	3	2	...	3	4	6	5	...
Totals	68	...	...	...	...	...	...	...	11	25	18	14	...

TABLE III.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1913.

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Transferable Deaths
	All Ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All Causes, Certified ...	148	19	3	2	3	12	23	43	43	...
All Causes, Uncertified	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...	...
Convulsions	4	3	...	1	...	...	...	...	...	...
Syphilis	1	1	...	...	...	...	...	...	...	...
Whooping-cough	...	...	...	..	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...
Influenza	1	...	...	...	...	...	...	1	...	...
Gastritis	1	1	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	11	..	...	...	...	4	4	3	...	1
Tubercular Meningitis ...	1	1	...	...	...	...	...	...	...	...
Other tuberculous diseases	3	...	...	...	1	...	1	1	...	...
Cancer, Malignant Disease	11	...	...	...	...	1	1	4	5	2
Rheumatic Fever... ...	1	...	...	...	...	...	...	1	...	...
Meningitis...	2	...	...	1	1	...	...	...	...	...
Organic Heart Disease ...	9	...	...	...	...	2	1	4	2	1
Bronchitis	13	2	1	...	...	1	1	4	4	...
Pneumonia, all forms ...	15	3	...	...	1	...	2	3	6	3
Other Diseases of Respiratory Organs ...	2	...	...	...	...	1	...	...	1	...
Diarrhœa and Enteritis ...	...	...	...	...	...	...	...	...	...	...
Appendicitis & Typhlitis	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver... ...	...	...	...	...	...	...	...	...	...	...
Alcoholism...	...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease	11	...	...	...	...	1	5	4	1	1
Puerperal Fever	...	...	...	...	...	...	...	...	...	...
Other accidents & diseases of Pregnancy & Parturition	...	...	...	...	...	...	...	...	...	...
Congenital Debility and Malformation, including Premature Birth	9	8	1	...	...	...	...	...	...	...
Violent Deaths, excluding Suicide	5	...	...	...	...	1	1	3	...	2
Suicides	1	...	...	...	...	...	1	...	...	1
Other defined diseases ...	47	...	1	...	...	1	6	15	24	7
Diseases ill-defined or unknowned	...	...	...	...	...	...	...	...	...	...
All causes	148	19	3	2	3	12	23	43	43	18

TABLE IV.—INFANTILE MORTALITY.

1913. NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER 1 YEAR OF AGE.

CAUSES OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under One Year.
All Causes. Certified	...	...	...	...	...	...	...	...	...	...
All Causes. Uncertified	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis...	...	...	...	...	...	1	...	...	...	1
Abdominal Tuberculosis...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Disease	...	...	...	...	...	...	...	...	...	...
Meningitis *not Tuberculous*	..	...	...	...	...	...	...	...	...	...
Convulsions	...	...	1	...	1	...	1	...	1	3
Laryngitis	...	...	...	...	...	...	...	...	...	..
Bronchitis	...	...	1	...	1	...	1	...	...	2
Pneumonia (all forms) ...	...	...	1	...	1	...	1	...	1	3
Diarrhœa	...	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...	...
Gastritis	...	...	...	...	...	...	...	1	...	1
Syphilis	...	...	...	...	...	...	...	...	1	1
Rickets	...	..	...	...	...	...	...	...	...	...
Suffocation, overlying ...	...	...	...	...	...	...	...	...	...	...
Injury at Birth	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	...	...	...	...	...	1	...	...	...	1
Premature Birth	2	1	...	...	3	1	...	...	...	4
Atrophy, Debility Marasmus	...	2	...	...	2	1	...	...	...	3
Other Causes	...	...	...	...	...	...	...	...	...	...
	2	3	3	...	8	4	3	1	3	19

Births in the year { legitimate, 153. illegitimate, 12.

Deaths in the year { legitimate infants, 16 illegitimate infants, 3

SANITARY INSPECTOR'S REPORT

Year ending December 31st, 1913.

To the Chairman and Members of the Whitworth Urban District Council.

GENTLEMEN,

I beg to submit to you my Eleventh Annual Report for the twelve months ended 31st December, 1913.

The following schedule gives in brief the details of the cases attended to by me during the year :—

New Closets erected (pail system)	1
New closets erected (waste water system)	13
New closets erected (fresh water)	7
Pail closets converted to the waste water system	7
Pail closets converted to the fresh water system	19
Dilapidated closets re-built	5
Closets cleaned and limewashed	33
Closets repaired (defective roofs, &c.)	12
Closets repaired (new seats, &c.)	11
Closets and ash-places requiring proper fastenings	10
Closets and ash-places requiring proper doors and coverings	15
Overcrowding	4
Slop-stone pipes trapped	4
Defective slop-stone pipes remedied	9
Defective slop-stone pipes (new ones fixed)	7
Defective passages re-flagged	3
Defective drains re-laid	11
Defective eaves and downspouts	4
Defective gulley blocks re-placed	1
Defective traps re-placed	6
Rain water pipes disconnected from drains	1
Workshops limewashed	1
New lavatories provided	3

Smoke observations	3
Drains tested by smoke	2
Dirty passages cleansed	1
Defective manholes remedied	1
Defective ash-pit floors re-flagged	1
Dilapidated ash-places re-built	1
Ash-pits repaired (defective roofs, doors, &c.)	9
Drains opened and cleansed	22
New tile drains laid	9
Stone drains abolished	9
Slop-stone pipes disconnected from drains	2
Gulley traps cleansed	4
Dirty premises cleaned, &c.	7
Houses disinfected	19
Miscellaneous	11
Beds burned by request	3
Preliminary notices sent for abatement of nuisances	83
Owners and occupiers seen personally re nuisances	29
Complaints received	11
Drains inside cowsheds removed and fixed outside	1
Cow-shed drains properly trapped	1
Ash-pits abolished	2
Defective yards re-flagged	2
Defective cowshed drains remedied	1
Defective cowshed floors remedied	2

The one tripe boiling establishment in the district has been regularly visited and always found in a clean condition.

There are no offensive trades carried on in the district.

Refuse, ashes and excreta is removed in a satisfactory manner.

Infectious Diseases	1911	1912	1913
Scarlatina	28	14	5
Enteric Fever	5	3	1
Puerperal Fever	0	0	0
Diphtheria	17	10	15
Membranous Croup	0	0	0
Erysipelas	11	15	8
Phthisis (1912)	4	39	39
	65	81	68

66 visits were made to infected houses, enquiries made as to the cause or origin of the disease, instructions given as to isolation of the infested persons.

The following cases of Scarlatina have occurred in children attending the undermentioned schools :—

	1905	1906	1907	1908	1909	1910	1911	1912	1913
Shawforth Wesleyan	1	8	1	1	0	19	1	0	0
Facit St. John's	4	3	1	6	2	22	0	0	0
Lloyd Street	1	2	3	4	3	18	4	2	1
Hallfold	1	5	0	1	2	1	10	4	0
Healey	3	0	0	4	0	0	1	1	1
Facit Wesleyan	0	0	4	1	2	7	1	1	0
Shawforth St Michael's	0	1	1	0	0	3	1	0	0
St. Anselm's	0	0	0	2	1	5	1	1	0
Under& over school age	5	12	9	8	3	34	9	4	3
Schools out of district (Private)	0	0	1	0	0	0	0	1	0
	15	32	20	27	13	109	28	14	5

The following are a list of Workshops within the district coming under the Act :—

Dressmakers	10
Milliners	3
Dressmakers and Milliners	1
Stocking Knitting	1
Boot, Shoe and Clog Makers	3
Boot and Shoe Makers	2
Clog Makers	7
Bakers and Confectioners	18
Oat Cake Bakers	1
Saddle and Harness Makers	1
Tailors	1
Other Trades	8
	56

FACTORY AND WORKSHOP ACT, 1901.

The Workshops within the district have been visited and inspected under the above Act, and on the whole have been found to be kept in a clean condition.

The fire escapes, &c. at the various factories are periodically inspected.

81 visits have been paid under the above Act.

Dairies, Cowsheds and Milkshops Order, 1885.

61 persons are registered as cowkeepers, dairymen and purveyors of milk.

143 inspections have been made.

COMMON LODGING HOUSES.

There are none in the district.

SLAUGHTER HOUSES.

There are the same number of slaughter houses as last year, viz., nine. Two are still vacant.

Visits have been paid at intervals and during my inspections I found them all in accordance with the Council's By-laws.

The Council remove the refuse from the slaughter houses, the occupiers having entered into agreements for the payment to the Council for this service.

The means of slaughter of animals adopted in the district are in accordance with the By-laws.

SMALL-POX HOSPITAL.

This Hospital is in a thoroughly good condition.

HOUSING AND TOWN PLANNING ACT, 1909.

Under Section 17 of the above Act, 274 houses have this year been inspected, and tabulated particulars obtained and filed. The following notices have been issued :--

Notice by person authorised by local authority before entry	274
Notice of intention to make a closing order	2
Notice of making closing order	2
Closing orders	2
Notice of closing orders which have become operative	2
Dwelling-houses in which defects were remedied without making closing orders	32
Dwelling-houses put in a fit state of habitation after making closing orders	0
Dwelling-houses demolished	0

I am, Gentlemen,

Your obedient servant,

JNO. J. CORDINGLEY, A.R.S.I., R.P.C.

Sanitary Inspector.